



SEQUENCE LISTING

<110> Bistrup, Annette
Rosen, Steven D.
Tangemann, Kirsten
Hemmerich, Stefan

<120> GLYCOSYL SULFOTRANSFERASE-3

<130> UCAL-107DIV

<150> 09/190,911

<151> 1998-11-12

<150> 09/045,284

<151> 1998-03-20

<160> 8

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 386

<212> PRT

<213> H. sapiens

<400> 1

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			20					25					30		
Ser	Leu	Ser	Met	Lys	Ala	Gln	Pro	Glu	Arg	Met	His	Val	Leu	Val	Leu
			35					40				45			
Ser	Ser	Trp	Arg	Ser	Gly	Ser	Ser	Phe	Val	Gly	Gln	Leu	Phe	Gly	Gln
			50			55					60				
His	Pro	Asp	Val	Phe	Tyr	Leu	Met	Glu	Pro	Ala	Trp	His	Val	Trp	Met
					70					75				80	
Thr	Phe	Lys	Gln	Ser	Thr	Ala	Trp	Met	Leu	His	Met	Ala	Val	Arg	Asp
				85					90					95	
Leu	Ile	Arg	Ala	Val	Phe	Leu	Cys	Asp	Met	Ser	Val	Phe	Asp	Ala	Tyr
			100					105					110		
Met	Glu	Pro	Gly	Pro	Arg	Arg	Gln	Ser	Ser	Leu	Phe	Gln	Trp	Glu	Asn
			115				120					125			
Ser	Arg	Ala	Leu	Cys	Ser	Ala	Pro	Ala	Cys	Asp	Ile	Ile	Pro	Gln	Asp
			130			135					140				
Glu	Ile	Ile	Pro	Arg	Ala	His	Cys	Arg	Leu	Leu	Cys	Ser	Gln	Gln	Pro
					150					155				160	
Phe	Glu	Val	Val	Glu	Lys	Ala	Cys	Arg	Ser	Tyr	Ser	His	Val	Val	Leu
				165					170					175	
Lys	Glu	Val	Arg	Phe	Phe	Asn	Leu	Gln	Ser	Leu	Tyr	Pro	Leu	Leu	Lys
			180					185					190		
Asp	Pro	Ser	Leu	Asn	Leu	His	Ile	Val	His	Leu	Val	Arg	Asp	Pro	Arg
		195				200						205			
Ala	Val	Phe	Arg	Ser	Arg	Glu	Arg	Thr	Lys	Gly	Asp	Leu	Met	Ile	Asp
			210			215						220			

Ser Arg Ile Val Met Gly Gln His Glu Gln Lys Leu Lys Lys Glu Asp
 225 230 235 240
 Gln Pro Tyr Tyr Val Met Gln Val Ile Cys Gln Ser Gln Leu Glu Ile
 245 250 255
 Tyr Lys Thr Ile Gln Ser Leu Pro Lys Ala Leu Gln Glu Arg Tyr Leu
 260 265 270
 Leu Val Arg Tyr Glu Asp Leu Ala Arg Ala Pro Val Ala Gln Thr Ser
 275 280 285
 Arg Met Tyr Glu Phe Val Gly Leu Glu Phe Leu Pro His Leu Gln Thr
 290 295 300
 Trp Val His Asn Ile Thr Arg Gly Lys Gly Met Gly Asp His Ala Phe
 305 310 315 320
 His Thr Asn Ala Arg Asp Ala Leu Asn Val Ser Gln Ala Trp Arg Trp
 325 330 335
 Ser Leu Pro Tyr Glu Lys Val Ser Arg Leu Gln Lys Ala Cys Gly Asp
 340 345 350
 Ala Met Asn Leu Leu Gly Tyr Arg His Val Arg Ser Glu Gln Glu Gln
 355 360 365
 Arg Asn Leu Leu Leu Asp Leu Leu Ser Thr Trp Thr Val Pro Glu Gln
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 Ile His
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 <213> H. sapiens

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atgttccaca gagatgcaaa ttctgagccc ttggagttcc cagtggattc aaggaaggaa	1800
gtgggaacaa ggttgatgc ctacttatga gcttgaccat cacagctatc ggtaatcaga	1860
aatatgaaac aaaatctctg cacaaaagag caagctctta agttcacagg gtgcctgggc	1920
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<210> 3
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<220>
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<221> misc_feature
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<210> 4
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 <212> DNA
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<220>
 <223> primer

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<210> 5
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 <212> DNA
 <213> Artificial Sequence

<220>
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<221> misc_feature
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<210> 6
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 <212> DNA
 <213> Artificial Sequence

<220>
<223> primer

<221> misc_feature
<222> (1)...(26)
<223> n = inosine

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<210> 7
<211> 37
<212> DNA
<213> H. sapiens

<400> 7
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<210> 8
<211> 47
<212> DNA
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<400> 8
ataaagcttg tggatttggt caggacatt ccaggtagac agaagat 47